

Current status of the claims:

1. (Previously presented) An alert system comprising:
a condition information receiver receiving condition data and generating a condition information signal in response to said condition data;
a position system receiver receiving position data and generating a position signal in response to said position data;
an indicator;
a system controller electrically coupled to said condition information receiver, said positioning system receiver, and said indicator, wherein said system controller receives said condition information signal and said position signal for conversion into a condition alert signal wherein said converted condition alert signal is received by said indicator; and
an overriding provision for the indicator that is operable by said system controller in response to receiving said condition alert signal.
2. (Original) A system as in claim 1 wherein said indicator is selected from the following group comprising: a video system, an audio system, a lighting system, and a heads-up display system.
3. (Original) A system as in claim 1 further comprising:
a video system electrically coupled to said system controller; and
an audio system electrically coupled to said system controller;
wherein said system controller indicates said condition alert signal on said video system and said audio system.
4. (Original) A system as in claim 1 wherein said condition is the weather.

5. (Original) A system as in claim 3 wherein said video display system is selected from the following group: a radar display, a data capable phone, a personal digital assistant, a navigation system, a telematic system, and a video entertainment system.

6. (Original) A system as in claim 3 wherein said audio system receives data selected from the following group: recorded voice, warning tones, and text-to-speech.

7. (Original) A system as in claim 3 wherein said system controller receives said position signal and signals said video display system.

8. (Original) A system as in claim 7 wherein said system controller combines said condition information signal with said position signal to form an overlay condition position signal.

9. (Original) A system as in claim 7 wherein said system controller also indicates a heading direction of the condition information receiver.

10. (Original) A system as in claim 1 wherein said condition information receiver is selected from the following group: AM/FM receiver, wireless communication system, telematic system, satellite receiver, and navigation system.

11. (Original) A system as in claim 1 wherein said audio system is selected from the following group: a vehicle stereo system, an entertainment system, and a sound-conveying device.

12. (Original) A system as in claim 1 wherein said condition information receiver receives condition data from one selected from the following group: radar system, wireless data system, personal communication service, cellular data network, short message services, paging network, FM subcarrier system, satellite network, broadband data services, and local area networks.

13. (Previously presented) A method of operating an alert system for a hazardous condition comprising:
receiving warning data corresponding to the hazardous condition;
receiving position data;
converting the warning data and the position data into a condition alert signal;
overriding a vehicle indicator for indicating a current hazardous condition in response to a system controller receiving said condition alert signal by changing a power provision of the vehicle indicator.

14. (Original) A method as in claim 13 wherein warning data comprises receiving data containing information on the hazardous condition selected from the following group: weather data, tornado data, hazardous chemical spill data, and accident data.

15. (Original) A method as in claim 13 wherein said indicating a current hazardous condition further comprises:

displaying a condition map on a video display;
overlaying a condition alert system position on said video display; and
indicating a condition alert system heading.

16. (Previously presented) A method as in claim 13 wherein changing a power provision of the vehicle indicator further comprises:

powering on the indicator; and
generating an audio or video signal on the indicator.

17. (Previously presented) A method as in claim 16 wherein said generating an audio or video signal comprises audibly transmitting a signal formed from one selected from the following group: a prerecorded voice, a live voice, a text to speech device, and a video image.

18. (Original) A method as in claim 13 further comprising dynamically updating condition data based on a condition alert system position.

19. (Original) A method as in claim 13 wherein indicating a current hazardous condition further comprises calculating a condition alert system position relative to an alert area.

20. (Original) A method as in claim 13 further comprising displaying an overlay of a condition alert system position on a generated condition map on a video display.

21. (Original) A method as in claim 13 further comprising displaying a heading direction of a condition alert system.

22. (Original) A vehicle alert system comprising:

- a condition information receiver receiving condition data and generating a condition information alert signal;
- a positioning system receiver receiving position data and generating a position signal;
- a video system;
- an audio system;
- a system controller electrically coupled to said condition information receiver, said positioning system receiver, said video system, and said audio system, said system controller in response to said condition information alert signal and said position signal forming an overlay condition position signal;
- said system controller indicating said overlay condition position signal on said video system and said audio system.

23. (Previously presented) A system as in claim 1 wherein said overriding provision includes a power provision for powering on said indicator.

24. (Previously presented) A system as in claim 1 wherein said overriding provision includes a power provision for turning off power of an existing vehicle entertainment system, said existing vehicle entertainment system is selected from the following group comprising: a CD player, a tape player, and a nonbroadcast device.

25. (Previously presented) A method as in claim 13 wherein changing a power provision of the vehicle indicator further comprises:

powering off an existing vehicle entertainment system, said existing vehicle entertainment system is selected from the following group comprising: a CD player, a tape player, and a nonbroadcast device.

26. (Previously presented) In an alert system having a condition information receiver receiving condition data and generating a condition information signal in response to said condition data, a position system receiver receiving position data and generating a position signal in response to said position data, and an indicator, the improvement comprising:

a system controller electrically coupled to said condition information receiver, said positioning system receiver, and said indicator, wherein said system controller receives said condition information signal and said position signal for conversion into a condition alert signal wherein said converted condition alert signal is received by said indicator; and

an overriding provision for the indicator that is operable by said system controller in response to receiving said condition alert signal.

27. (Previously presented) A system as in claim 26 wherein said overriding provision includes a power provision for powering on said indicator.

28. (Previously presented) A system as in claim 26 wherein said overriding provision includes a power provision for turning off power of an existing vehicle entertainment system, said existing vehicle entertainment system is selected from the following group comprising: a CD player, a tape player, and a nonbroadcast device.

29. (Previously presented) A system as in Claim 26 wherein said indicator is selected from the following group comprising: a video system, an audio system, a lighting system, and a heads-up display system.

30. (Previously presented) A system as in Claim 26 further comprising:
a video system electrically coupled to said system controller; and
an audio system electrically coupled to said system controller;

wherein said system controller indicates said condition alert signal on said video system and said audio system.

31. (Previously presented) A system as in Claim 26 wherein said condition is the weather.

32. (Previously presented) A system as in Claim 30 wherein said video display system is selected from the following group: a radar display, a data capable phone, a personal digital assistant, a navigation system, a telematic system, and a video entertainment system.

33. (Previously presented) A system as in Claim 30 wherein said audio system receives data selected from the following group: recorded voice, warning tones, and text-to-speech.

34. (Previously presented) A system as in Claim 30 wherein said system controller receives said position signal and signals said video display system.

35. (Previously presented) A system as in Claim 34 wherein said system controller combines said condition information signal with said position signal to form an overlay condition position signal.

36. (Previously presented) A system as in Claim 34 wherein said system controller also indicates a heading direction of the condition information receiver.

37. (Previously presented) A system as in Claim 26 wherein said condition information receiver is selected from the following group: AM/FM receiver, wireless communication system, telematic system, satellite receiver, and navigation system.

38. (Previously presented) A system as in Claim 26 wherein said audio system is selected from the following group: a vehicle stereo system, an entertainment system, and a sound-conveying device.

39. (Previously presented) A system as in Claim 26 wherein said condition information receiver receives condition data from one selected from the following group: radar system, wireless data system, personal communication service, cellular data network, short message services, paging network, FM subcarrier system, satellite network broadband data services, and local area networks.

40. (Previously presented) In a method of operating an alert system for a hazardous condition having steps of receiving warning data corresponding to the hazardous condition and receiving position data, the improvement comprising:

converting the warning data and the position data into a condition alert signal;

overriding a vehicle indicator for indicating a current hazardous condition in response to a system controller receiving said condition alert signal by changing a power provision of the vehicle indicator.

41. (Previously presented) A method as in Claim 40 wherein warning data comprises receiving data containing information on the hazardous condition selected from the following group: weather data, tornado data, hazardous chemical spill data, and accident data.

42. (Previously presented) A method as in Claim 40 wherein said indicating a current hazardous condition further comprises:

displaying a condition map on a video display;

overlaying a condition alert system position on said video display: and

indicating a condition alert system heading.

43. (Previously presented) A method as in Claim 40 wherein changing a power provision of the vehicle indicator further comprises:

powering on the indicator; and
generating an audio or video signal on the indicator.

44. (Previously presented) A method as in Claim 43 wherein said generating an audio or video signal comprises audibly transmitting a signal formed from one selected from the following group: a prerecorded voice, a live voice, a text to speech device, and a video image.

45. (Previously presented) A method as in Claim 40 wherein changing a power provision of the vehicle indicator further comprises:

powering off an existing vehicle entertainment system, said existing vehicle entertainment system is selected from the following group comprising: a CD player, a tape player, and a nonbroadcast device.

46. (Previously presented) A method as in Claim 40 further comprising dynamically updating condition data based on a condition alert system position.

47. (Previously presented) A method as in Claim 40 wherein indicating a current hazardous condition further comprises calculating a condition alert system position relative to an alert area.

48. (Previously presented) A method as in Claim 40 further comprising displaying an overlay of a condition alert system position on a generated condition map on a video display.

49. (Previously presented) A method as in Claim 40 further comprising displaying a heading direction of a condition alert system.

50. (Previously presented) In a vehicle alert system having a condition information receiver receiving condition data and generating a condition information alert signal, a positioning system receiver receiving position data and generating a position signal, a video system, and an audio system, the improvement comprising:

Serial No. 10/090,605
Atty Docket 65899-0693 (DP-301569)
Paper 4

a system controller electrically coupled to said condition information receiver, said positioning system receiver, said video system, and said audio system, said system controller in response to said condition information alert signal and said position signal forming an overlay condition position signal;

said system controller indicating said overlay condition position signal on said video system and said audio system.